

Technical specifications : Ref. 209103

Type		S/FTP												
Categorie		Cat 6A												
Transmission bandwidth		650MHz												
Transfer rate		10Gbps												
Conductor Diameter	in	0.006												
Conductor Material		Flexible copper												
Conductor type AWG		26												
Conductor isolation Diameter	in	0.043												
Conductor isolation Material		Polyethylene												
Crucifix filler		No												
Shielding foil of pairs		Aluminium + Polyester												
Outer shielding braid		Aluminium												
Outer sheath Diameter	in	0.244												
Outer sheath Material		LSFH												
Outer sheath Thickness	in	0.023												
Rip cord		No												
Cable length	m	2												
Data connector type		RJ45												
Spark Test	Vac	3000												
Nominal impedance	Ω	100												
Conductor resistance	Ohm/km	< 100												
Nominal speed	%	79												
Working voltage	V	300												
Operating temperature	°F	-13 ... 158												
Frequencies		1 MHz	4 MHz	8 MHz	10 MHz	16 MHz	20 MHz	25 MHz	31,25 MHz	62,5 MHz	100 MHz	200 MHz	250 MHz	500 MHz
NEXT (typ.)	dB/100m	65	63	58.2	56.6	53.2	51.6	50	48.4	43.4	39.9	34.8	33.1	27.9
PS NEXT (typ.)	dB/100m	62	60.5	55.6	54	50.6	49	47.3	45.7	40.6	37.1	31.9	30.2	24.8
ACR-F (typ.)	dB/100m	63.3	51.2	45.2	43.3	39.2	37.2	35.3	33.4	27.3	23.3	17.2	15.3	9.3
PS ACR-F (typ.)	dB/100m	60.3	48.2	42.2	40.3	36.2	34.2	32.3	30.4	24.3	20.3	14.2	12.3	6.3
Return losses	dB	19	19	19	19	18	17.5	17	16.5	14	12	9	8	6